System, Apparatus, and Method for Automatic Copy Function Selection David R. Blea, et al. IBM Docket No.: TUC920030093US1

IBM Docket No.: 1 UC920030093US1
Kunzler & Associates Docket No.: 1500.2.23 (DMC)

PAGE 1/8 10 Laptop computer 18 20 16 Printer Computer Workstation 12 Network 14 **Application** 34 Module Copy Management 36 30 Module √ >22 **Policy** File Server Generation 38 Module File Server ~28 Storage Area Network 24 Application Secondary 26 321 Storage Storage Device Device

FIG. 1

Secondary Site

Application Site

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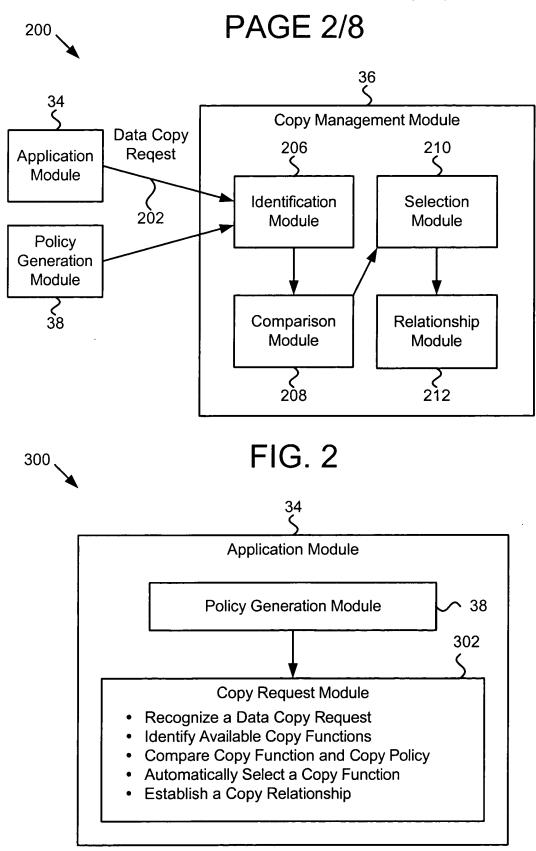


FIG. 3

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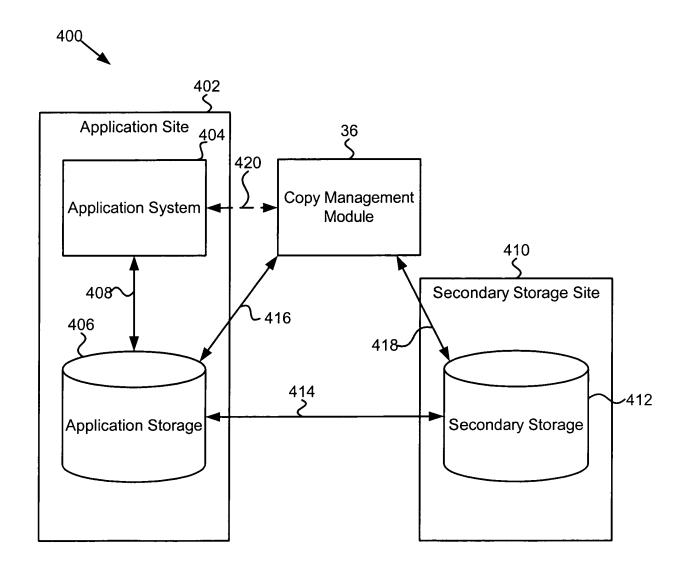


FIG. 4

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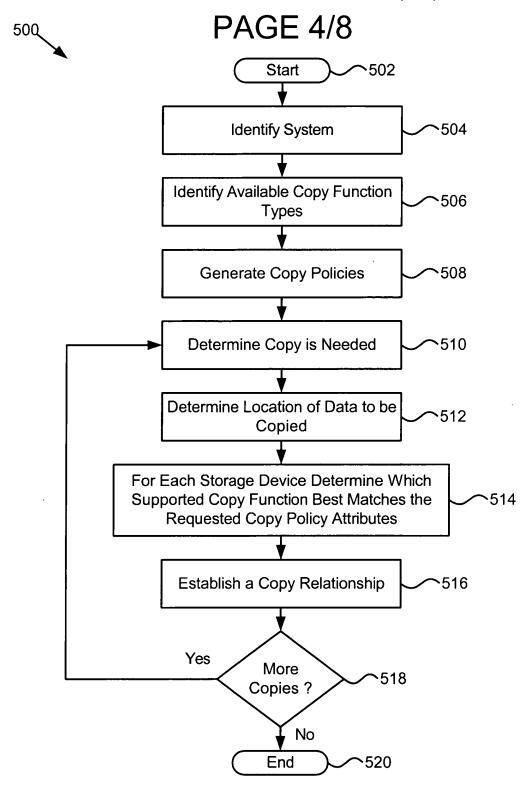


FIG. 5

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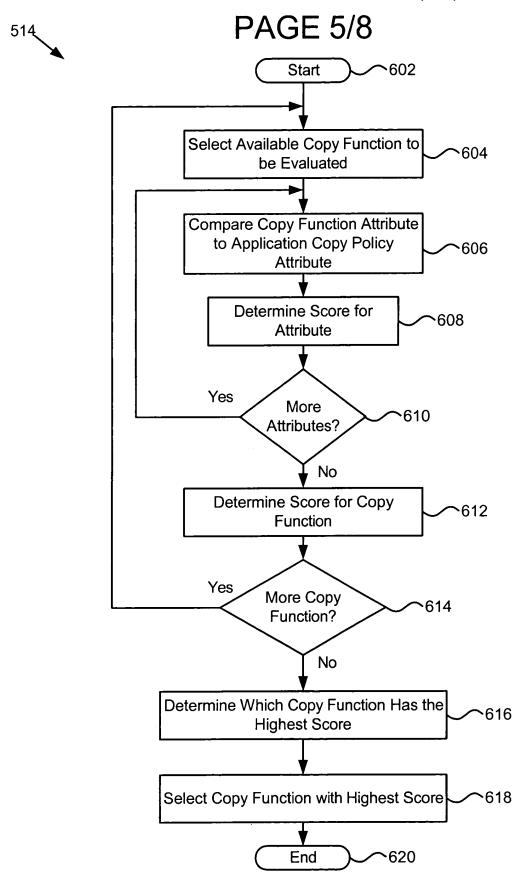


FIG. 6

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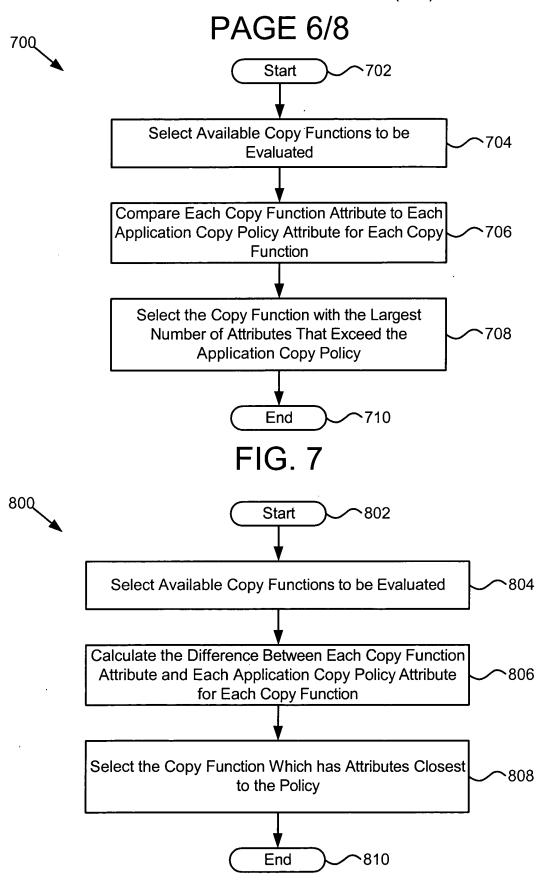
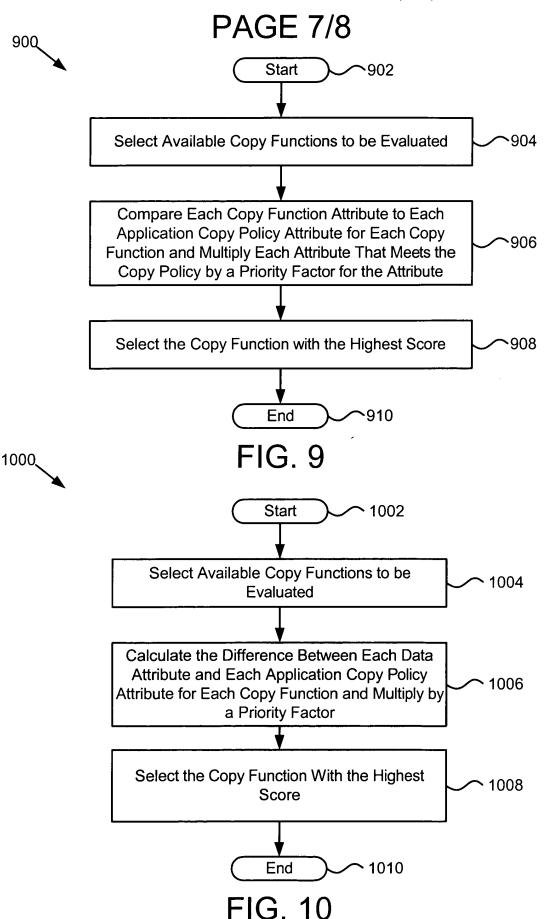


FIG. 8

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1102	1118	1120	1122	1124 	1126	1128	1130	1132
1104 🖍	Attribute	Copy Policy	Copy Function 1	Score	Copy Function 2	Score	Copy Function 3	Score
1106 🖍	Recovery Point Objective (RPO)	Less Than 30 Minutes	Less Than 20 Minutes	1	Zero Data Loss	1	1 Day	0
1108 🖍	Recovery Time Objective (RTO)	Less Than 30 Minutes	Less Than 1 Hour	0	Less Than 20 Minutes	1	Less Than 2 Hours	0
1110 🗸	Location	Greater Than 500 Miles	Less Than 1000 Miles	1	Less Than 2000 Miles	1	At Primary Site	0
1112 🗸	Consistency	Yes	Yes	1	Yes	1	Yes	1
1114 🗸	Application Impact	Less Than 2 mS	Less Than 2 mS	1	Less Than 2 mS Plus Distance Factor	1	Less Than 2 Hours	0
1116 🗸	Score Required / Totals	4		4		5		1